

DESCAFLEX motion C-500

0,50 mm² - 16,00 mm²

Extra flexible drag chain cables PVC 500 V, numbered cores, shielded

Application

In drag chains, at medium to high stress, as movable control- or power cable in mechanical engineering and machine tool construction, in industrial plants, etc..

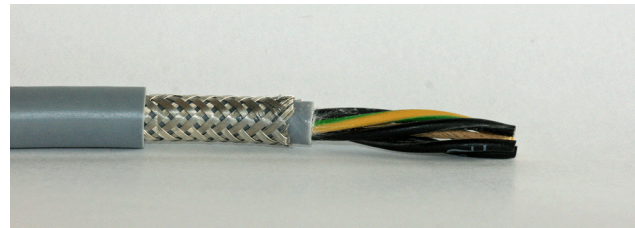
Operation speed max. 180 m/min, acceleration max. 6 m/s², horizontal chain length max. 15 m.

Construction

Extra flexible bare copper conductors, acc. to IEC 60228, class 6
Insulation PVC, black with white numbers, 3 cores and above green-yellow included (in the outer lay)
Cores laid up in lays
Non-woven tape (possible PVC inner sheath)
Shielded by a tinned copper braid, coverage ca. 85 %
Non-woven tape
Sheath PVC grey, RAL 7001, adhesion-free

Special Characteristics

The cables are oil resistant according to VDE 0472 - 803 A/B and HD 22.10 S1 and flame retardant according to IEC 60332-1. The PVC outer sheath is especially abrasion resistant and suitable to be used in contact with coolants, lubricants and aggressive chemicals.



Technical Properties

Rated voltage U ₀ /U	300 / 500 V
Test voltage	2000 V
Insulation resistance	20 MOhm x km
Temperature range	- 5°C ... + 70°C
- static installation	- 20°C ... + 70°C
Minimum bending radius	7,5 x cable diameter

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
213567	2 x 0,50	7.10	33.00	72.00
213568	3 x 0,50	7.50	40.00	83.00
213569	4 x 0,50	8.30	48.00	94.00
213570	5 x 0,50	8.80	57.00	113.00
213571	7 x 0,50	10.20	76.00	138.00
213573	12 x 0,50	11.90	115.00	197.00
213575	18 x 0,50	14.00	156.00	286.00
213577	25 x 0,50	16.10	203.00	389.00
213580	2 x 0,75	7.70	39.00	85.00
213581	3 x 0,75	8.10	50.00	96.00
213582	4 x 0,75	8.80	62.00	118.00
213583	5 x 0,75	9.70	74.00	135.00
213584	7 x 0,75	11.30	96.00	183.00
213586	12 x 0,75	12.90	141.00	258.00
213588	18 x 0,75	15.40	213.00	372.00
213590	25 x 0,75	18.00	274.00	503.00
213593	2 x 1,00	8.50	51.00	103.00
213594	3 x 1,00	9.30	64.00	123.00
213595	4 x 1,00	10.00	75.00	142.00
213596	5 x 1,00	10.90	87.00	165.00
213597	7 x 1,00	11.70	115.00	213.00
213599	12 x 1,00	13.80	186.00	325.00
213601	18 x 1,00	17.00	261.00	475.00
213603	25 x 1,00	19.50	370.00	610.00

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
213606	2 x 1,50	9.00	65.00	110.00
213607	3 x 1,50	9.60	83.00	142.00
213608	4 x 1,50	10.50	98.00	175.00
213609	5 x 1,50	11.50	122.00	215.00
213610	7 x 1,50	13.60	154.00	269.00
213612	12 x 1,50	16.00	253.00	410.00
213613	16 x 1,50	17.80	320.00	503.00
213614	18 x 1,50	18.80	354.00	560.00
213616	25 x 1,50	21.30	501.00	815.00
213620	3 x 2,50	12.50	120.00	208.00
213621	4 x 2,50	13.50	156.00	245.00
213622	5 x 2,50	14.90	189.00	305.00
213623	7 x 2,50	16.50	254.00	465.00
213633	3 x 4,00	15.10	180.00	324.00
213634	4 x 4,00	16.20	223.00	365.00
213635	5 x 4,00	17.80	275.00	440.00
213636	7 x 4,00	20.70	365.00	593.00
213647	4 x 6,00	18.50	314.00	525.00
213648	5 x 6,00	20.10	397.00	690.00
213649	7 x 6,00	23.50	530.00	830.00
213660	4 x 10,00	20.80	501.00	830.00
213661	5 x 10,00	24.00	685.00	960.00
213673	4 x 16,00	24.60	765.00	1210.00
213674	5 x 16,00	27.50	1030.00	1670.00

Packaging

cut to desired length